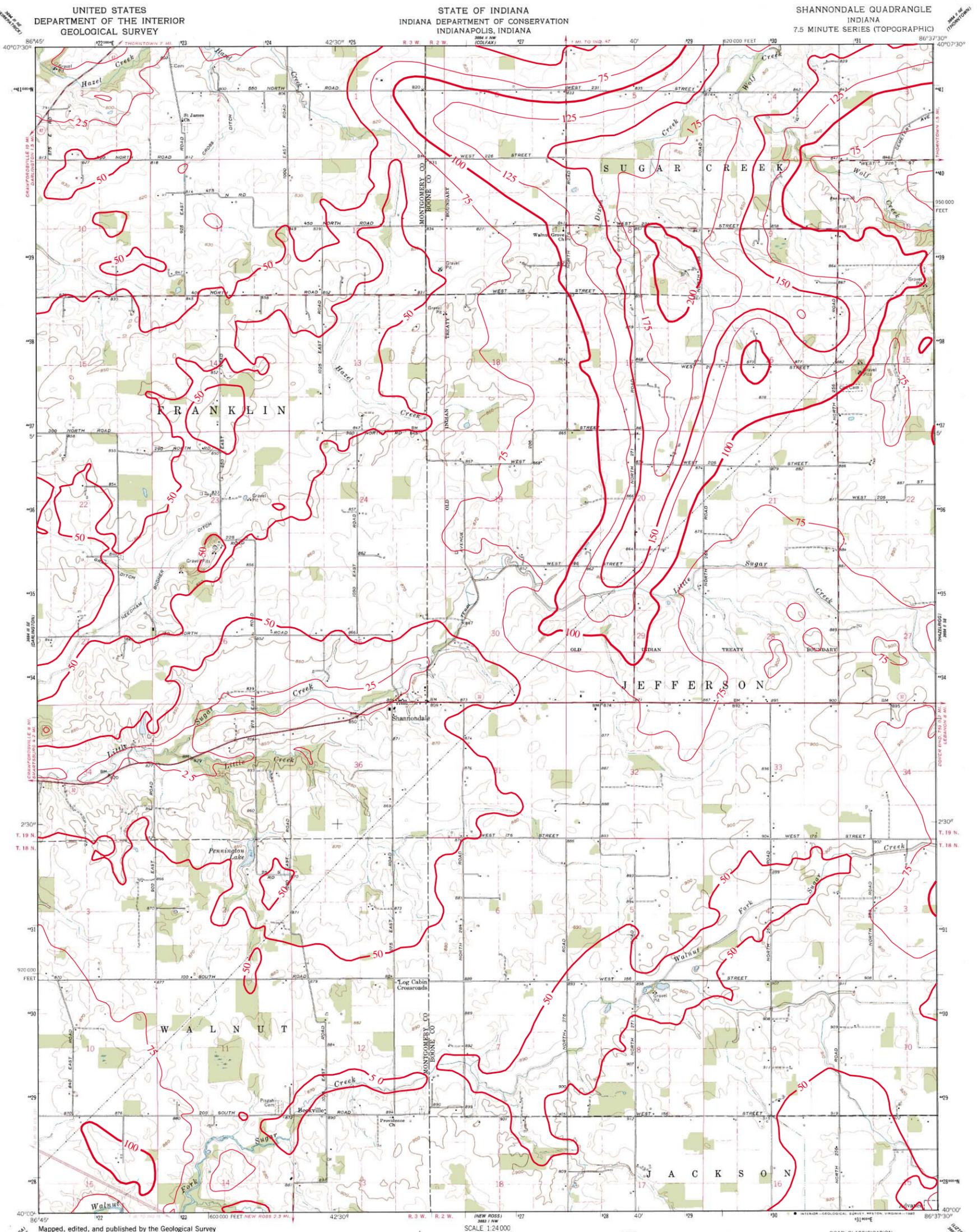


THICKNESS OF UNCONSOLIDATED DEPOSITS OF SHANNONDALE QUADRANGLE, INDIANA



Mapped, edited, and published by the Geological Survey
 Control by USGS and NOS/NOAA
 Topography by photogrammetric methods from aerial photographs taken 1958. Field checked 1961
 Polyconic projection. 10,000-foot grid based on Indiana coordinate system, west zone
 1000-meter Universal Transverse Mercator grid ticks, zone 16, shown in blue. 1927 North American Datum
 To place on the predicted North American Datum 1983 move the projection lines 1 meter south and 1 meter east as shown by dashed corner ticks
 Fine red dashed lines indicate selected fence and field lines where generally visible on aerial photographs. This information is unchecked
 Revisions shown in purple completed in cooperation with State of Indiana agencies from aerial photographs taken 1977 and other source data. This information not field checked. Map edited 1980

UTM GRID AND 1980 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24,000
 CONTOUR INTERVAL 10 FEET
 NATIONAL GEODETIC VERTICAL DATUM OF 1929

ROAD CLASSIFICATION
 Heavy-duty ——— Light-duty ———
 Medium-duty ——— Unimproved dirt - - - - -
 Interstate Route ○ State Route ○

SHANNONDALE, IND.
 N 4000—W 8637.5/7.5
 1961
 PHOTOGRAPHED 1958
 DMA 3664 II SW—SERIES V851

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
 FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092
 AND INDIANA DEPARTMENT OF NATURAL RESOURCES, INDIANAPOLIS, INDIANA 46204
 A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

This map showing thickness of unconsolidated deposits was created by Glenn E. Grove, IDNR, Division of Water, Ground Water Section. The digital elevation grid of the bedrock surface was subtracted from the grid of the land surface and the resultant grid contoured in ArcInfo. The land surface elevation grid is from 1:24,000 scale digital topography by the U.S. Geological Survey, Reston, Virginia, 1999 and 2001. The bedrock surface elevation grid is from a digital map of the bedrock surface topography of Boone County. The bedrock surface contouring was done by William C. Herring, Ground Water Section, Division of Water, IDNR, 2002, at a scale of 1:24,000.

Unconsolidated thickness contour interval = 25 feet (shown in red).



Map generated by Glenn E. Grove
 IDNR, Division of Water, Ground Water Section
 October 26, 2002